

Supplementary Data

Table 1 . Research protocol: Each of the 25 data bases hosted by the German Institute for Medical Documentation and Information (DIMDI, <http://www.dimdi.de/>) at the time of the research project was included in the literature search. Two separate searches were conducted, the first with the search term 'splint' and the second with the term 'history and historical publications'. The hit lists of both search terms were connected with the Bool Operator AND. No restrictions concerning language were made (sbas xmedall) <http://www.dimdi.de/>, „DIMDI ClassicSearch“.

25 database(s) with 139557376 documents selected		
ZT00	AnimAlt-ZEBET	BfR (ZEBET) 2014
CC00	CCMED	ZBMED
CCTR93	Cochrane Central Register of Controlled Trials	The Cochrane Collaboration. Published by John Wiley & Sons, Ltd.
CDSR93	Cochrane Database of Systematic Reviews	The Cochrane Collaboration. Published by John Wiley & Sons, Ltd.
DAHTA	DAHTA-Datenbank	Deutsches Institut fuer Medizinische Dokumentation und Information
CDAR94	Database of Abstracts of Reviews of Effects	2014 University of York. Published by John Wiley & Sons, Ltd.
AR96	Deutsches Aerzteblatt	DAEB
GA03	gms	gms
GM03	gms Meetings	gms
INAHTA	Health Technology Assessment Database	2014 University of York. Published by John Wiley & Sons, Ltd.
MK77	MEDIKAT	ZB MED
NHSEED	NHS Economic Evaluation Database	2014 University of York. Published by John Wiley & Sons, Ltd.
ED93	ETHMED	IDEM 2014
ME60	MEDLINE	NLM
CV72	CAB Abstracts	CAB
CB85	AMED	THE BRITISH LIBRARY 2014
AZ72	GLOBAL Health	CAB
IA70	IPA	Thomson Reuters
BA70	BIOSIS Previews	Thomson Reuters
EM47	EMBASE	2014 Elsevier B.V.
DH64	Derwent Drug Backfile	Thomson Reuters
EA08	EMBASE Alert	2014 Elsevier B.V.
DD83	Derwent Drug File	Thomson Reuters
II78	ISTPB + ISTEP/ISSHP	Thomson Reuters
IS74	SciSearch	Thomson Reuters

Search concept A: „Aufbißschienen“ (splints“)

Search concept B: „Geschichte und historische Publikationen (bis 1950 erschienen)“ (history and historic publications)

Given are search step number, hits, key words:

NO	HITS	SEARCH EXPRESSION
C= 1	139557376	ZT00; CC00; CCTR93; CDSR93; DAHTA; CDAR94; AR96; GA03; GM03; INAHTA; MK77; NHSEED; ED93; ME60; CV72; CB85; AZ72; IA70; BA70; EM47; DH64; EA08; DD83; II78; IS74
S= 2	1836	CT = OCCLUSAL SPLINTS
3	2512	CT = PERIODONTAL SPLINTS
4	1701	CT = PERIODONTIC DEVICE
5	3874	OCCLUSAL # (SPLINT?;APPLIANCE#;DEVICE#)
6	2143	OCCLUSION # (SPLINT?;APPLIANCE#;DEVICE#)
7	947	PERIODONTAL # (SPLINT?;APPLIANCE#;DEVICE#)
8	1702	PERIODONTIC # (SPLINT?;APPLIANCE#;DEVICE#)
9	223	ORAL # SPLINT?
10	218	INTRAORAL # SPLINT?
11	18	INTRA ORAL # SPLINT?
12	1519	OKKLUSIONSSCHIEN?
13	7	AUFBISSSCHIEN?
14	0	AUFBISSSCHIEN?
15	82	AUFBISSSCHIEN?
16	2	AUFBISSSCHIEN?
17	6	AUFBISS SCHIEN?
18	3	AUFBISSBEHELFF?
19	0	AUFBISSBEHELFF?
20	30	AUFBISSBEHELFF?
21	4610	SPLINT, ? (OCCLUS?;PERIODONT?;DENT?;MANDIB?;MAXILL?;JAW# ;CRANIOMANDIB?;TEMPOROMANDIB?;MASSETER;STOMATO GNATH) .
22	1261	SPLINT, ? (BRUX?;CLENCH?;DYSTON?;MASTIC?;ORTHOGNATH?;ORT HODONT?;PROSTHODONT?;BITE;BITING) .
23	77	SPLINT, ? DISC DISPLACEMENT.
24	4537	SPLINTS, ? (OCCLUS?;PERIODONT?;DENT?;MANDIB?;MAXILL?;JAW# ;CRANIOMANDIB?;TEMPOROMANDIB?;MASSETER;STOMATO GNATH) .
25	699	SPLINTS, ? (BRUX?;CLENCH?;DYSTON?;MASTIC?;ORTHOGNATH?;ORT HODONT?;PROSTHODONT?;BITE;BITING) .
26	19	SPLINTS, ? DISC DISPLACEMENT.
27	961	SPLINTING, ? (OCCLUS?;PERIODONT?;DENT?;MANDIB?;MAXILL?;JAW# ;CRANIOMANDIB?;TEMPOROMANDIB?;MASSETER;STOMATO GNATH) .
28	169	SPLINTING, ? (BRUX?;CLENCH?;DYSTON?;MASTIC?;ORTHOGNATH?;ORT HODONT?;PROSTHODONT?;BITE;BITING) .
29	3	SPLINTING, ? DISC DISPLACEMENT.
30	5839	SPLINT? AND SU=D
31	703	SPLINT? AND JSC=F.1
32	16055	2 TO 31
33	5865	DT = CLASSICAL ARTICLE
34	347317	DT = HISTORICAL ARTICLE
35	201838	SU = HISTLINE
37	773487	CT D HISTORY
38	467719	(HISTORY;HISTORIES;HISTORIC?;HISTORIAN#) /TI
39	89596	CLASSICAL/ (TI;DT)
40	29039	(CASE;PATIENT;FAMILY) HISTORY/TI
41	4600	(CASE;PATIENT;FAMILY) HISTORIES/TI
42	853622	CASE (REPORT;REPORTS;STUDIES;STUDY) /TI
43	556925	38;39
44	887077	40;41;42
45	520966	43 NOT 44
46	935397	PY <= 1950
47	201838	SU = Q
48	2149879	33 - 35;37;45;46;47
49	170	32 AND 48
50	2	CT = OCCLUSAL SPLINTS/HI
51	6	CT = PERIODONTAL SPLINTS/HI

Hits in the data bases.

Results before step 53 and after check of duplicates in the data bases (step 55):

? t detail;s=53;54;55			
NO	HITS	SEARCH EXPRESSION	
53	170	49 - 52	
CCTR93: 1			
ME60: 81			
BA70: 5			
EM47: 78			
IS74: 5		54	142
53 NOT SU=MEDLINE			
CCTR93: 1			
ME60: 81			
BA70: 5			
EM47: 50			
IS74: 5		55	128
check duplicates: unique in s=54			
CCTR93: 1			
ME60: 80			
BA70: 2			
EM47: 45			

Concept A: 32 hits

Concept B: 47 hits

A AND B = step 53: 170 hits, after check of duplicates (step 55): 128 hits

Date of research: 05.11.2014

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BA26	BIOSIS Previews	Thomson Reuters
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DH64	Derwent Drug Backfile	Thomson Reuters
EA08	EMBASE Alert	2014 Elsevier B.V.
DD83	Derwent Drug File	Thomson Reuters
II78	ISTPB + ISTEP/ISSHP	Thomson Reuters
IS74	SciSearch	Thomson Reuters